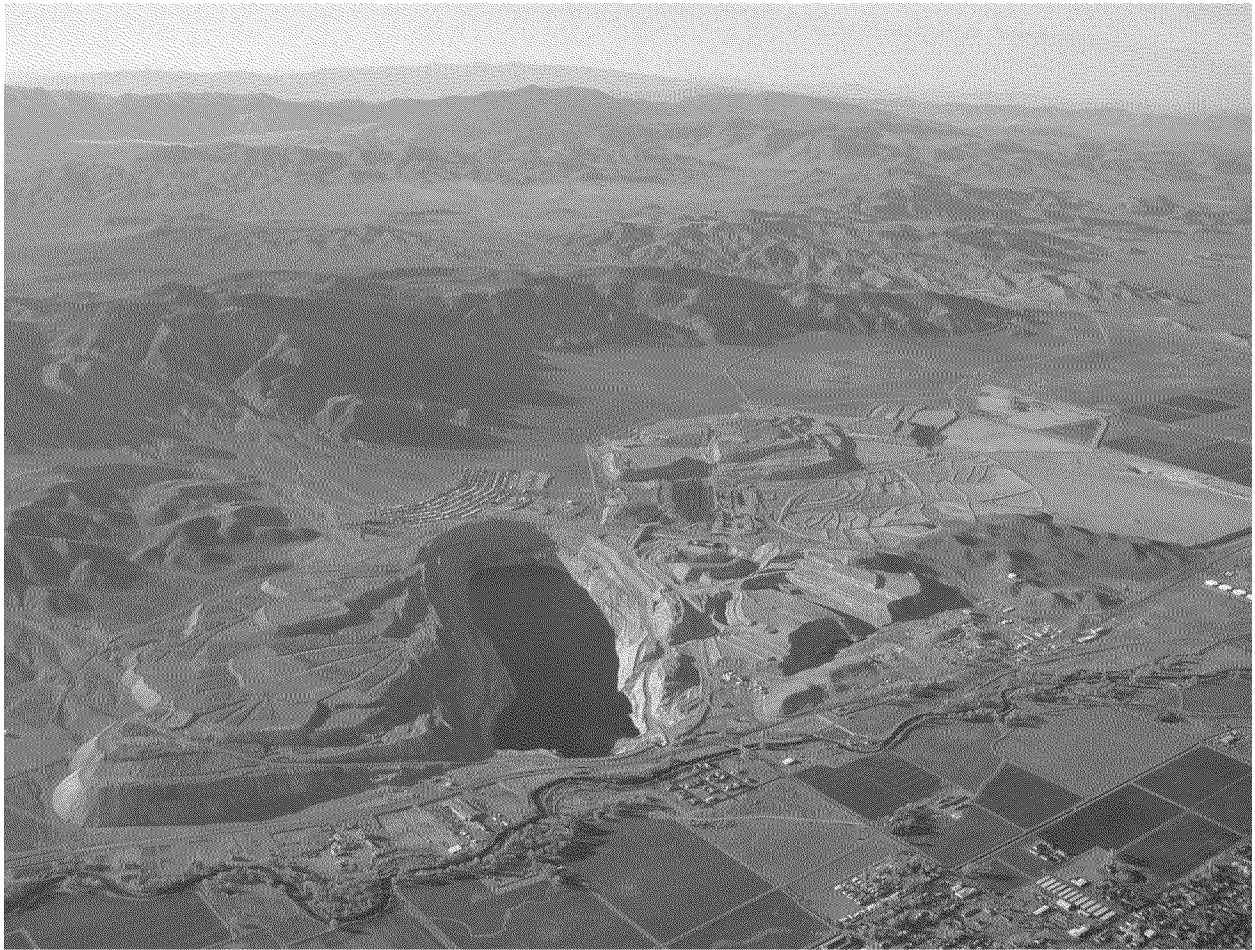


Welcome to the Anaconda Copper Mine Proposed Plan for Operable Unit 8

Public Meeting and Comment Period



Anaconda Copper Mine
Proposed Plan for Operable Unit 8

Alternative 1: No Further Action

This required alternative provides a baseline comparison to other alternatives. These measures are currently in place as Operations and Maintenance activities.

Includes:

Active fluids collection

Passive evaporation of pond fluids

Heap leach pad perimeter ditch rehabilitation and maintenance

Wildlife deterrent measures for all ponds

Site access controls

Institutional controls to restrict human and wildlife contact with materials

30-Year Cost: \$2.1 million, minimum

(INSERT PP Fig 4 OU8 Features, we will add the above where appropriate on the image)

Alternative 1 Is Not Preferred Because:

It is not protective of human health and the environment

The risk of leaks and groundwater contamination would not be eliminated

Collection of drain-down fluids would continue

Additional ponds would need to be constructed in perpetuity to accommodate solid precipitates

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Alternative 2: Passive Evaporation and Top Capping of Heap Leach Pads

Includes All Alternative 1 Components PLUS:

Closure of the existing pond system, except for the EPA 4-acre pond (slated to be closed at project completion)

Construction of a 2-acre concrete basin for solids dewatering and management (see Figure)

Construction of a solids repository (slated to be closed at project completion)

Access restrictions

Engineering controls

Leak detection monitoring

Pond liner replacement in approximately 10 years (replacement date determined by the age of the pond)

4-foot thick soil cap on top of Heap Leach Pads, with 6-inch vegetative cover (see Figure)

30-year cost: \$29.7 million, minimum*

(INSERT PP multi-call concrete basin graphic, which will be similar in look to the Cap illustration)

(INSERT PP HLP Cap Illustrations Alternative 2)

Alternative 2 Is Not Preferred Because:

Agencies will be unable to confirm protection of groundwater from releases of drain-down fluids

Human health and ecological risks would not be eliminated

*Given uncertainties regarding the availability of soil borrow areas and associated haul distances, specific requirements for new pond construction and existing pond closure, and other unknown design constraints not currently factored into the final remedy, the actual costs are potentially highly variable from the costs estimated in the alternatives.

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Alternative 3: Passive Evaporation and Complete Capping of Heap Leach Pads

All Alternative 1&2 Components PLUS:

4-foot thick soil cap over entire Heap Leach Pad surface areas (including sides), with 6-inch vegetative cover (see Figure)

Installation of spillways to collect and redirect stormwater away from Heap Leach Pads

30-year cost: \$58.2 million, minimum*

(INSERT PP HLP Cap Illustrations Alternative 3)

Alternative 3 Is Not Preferred Because:

It is the most difficult to implement due to the larger volume of soils to be moved to create the cap.

It costs more to implement than Alternative 4 (the preferred alternative).

*Given uncertainties regarding the availability of soil borrow areas and associated haul distances, specific requirements for new pond construction and existing pond closure, and other unknown design constraints not currently factored into the final remedy, the actual costs are potentially highly variable from the costs estimated in the alternatives.

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Alternative 4: Modified Evaporation, Complete Capping of Heap Leach Pads, Pond Conversion to E-cells and Stormwater Management

All Alternative 1, 2&3 Components EXCEPT:

Soil cap will be 2-feet thick minimum (instead of 4-feet)

All Alternative 1, 2&3 Components PLUS:

Some existing ponds will be converted to E-Cells (instead of being closed)

Reprocessing and removal of 4-Acre Pond precipitates will occur in existing 4-acre pond (instead of in new 2-acre concrete basin)

Additional stormwater management actions, including 4 new basins and piping and open channels, to route stormwater around the HLP material.

30-year Cost: \$36.1 million, minimum*

Estimated Time for Construction and Implementation: 2-3 years (INSERT TIMELINE OF ACTIVITIES IF THERE IS ONE)

Short Term Health Risk to Workers and Surrounding Community: Dust generation during construction. To minimize exposure to dust, contractors will spray the Heap Leach Pads with water.

Alternative 4 Is Preferred Because:

The complete cap further removes pathway for human and ecological exposure to Heap Leach Pad materials

It reduces potential releases to groundwater

The minimum 2-foot cap is considered effective and permanent, plus it reduces borrow requirements

Reduces risk sooner than other alternatives, and treats source materials at the site

Costs less than Alternative 3, and comparable in cost to Alternative 2

*Given uncertainties regarding the availability of soil borrow areas and associated haul distances, specific requirements for new pond construction and existing pond closure, and other unknown design constraints not currently factored into the final remedy, the actual costs are potentially highly variable from the costs estimated in the alternatives.

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Alternative 4: Modified Evaporation, Complete Capping of Heap Leach Pads, Pond Conversion to E-cells and Stormwater Management

(INSERT PP HLP Cap Illustrations Alternative 4)

(INSERT PP E-Cell, which will be similar in look to the Cap illustration)

(INSERT PP #5b Stormwater Drainage Plan (a.4))